# Roadtek by Home& Park Motorhomes

OWNER'S MANUAL, WARRANTY, AND ACCESSORY INSTALLATION

# Roadtreh OWNER'S MANUAL

INCLUDING
WARRANTY INFORMATION

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# A WORD TO ROADTREK OWNERS...

This manual has been prepared to acquaint you with the operation, maintenance and warranties of your new Roadtrek Motorhome Van. Your unit has been designed, engineered and manufactured to provide you with the utmost in pleasure, dependability and quality. It is important that you read the contents of this manual, that of the Chrysler or Chevrolet chassis and those of other components and follow the instructions and recommendations contained in each to help assure the most enjoyable and trouble free operation of your unit.

We would like to take this opportunity to thank you for selecting a **Home & Park** product — and assure you of our continuing commitment to your recreational vehicle pleasure and satisfaction.

# INTRODUCTION

This manual has been written to provide you with the information required to properly operate and maintain your new Roadtrek. After reading this manual, be sure to keep it in your unit as a reference. Your Home & Park dealer will be glad to answer any further questions about the operation of your unit.

#### **IMPORTANT**

Every reasonable precaution has been undertaken in the preparation of this manual resulting in the utmost accuracy possible at the time of publication. However, due to the continuing improvement and refinement of our products and normal changes in information and procedures, Home & Park shall assume no respon sibility whatsoever for errors or omissions in the manual's contents.

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# A.O. DAILY LIVING

# A.1. CAPTAIN'S SEATS

#### A.1.a. Reclining

To recline, pull up the recline control located on the lower right side of the seat and lean back.

#### A.1.b. Sliding

To slide, pull the slide control located on the left underside of the seat outward and slide the seat either forward or back.

#### A.1.c. Swiveling

To swivel the seats from a forward facing position to a rearward facing position, be aware of the following:

Ensure that the back of the seat is reclined as far forward as the recline control allows. Slide the seat back far enough to allow clearance of the engine cover but not so far as to lose clearance of the door. Put the armrests down to allow clearance of the door handles and steering wheel.

The swivel control is located on the centre underside of the seat and locks the seat in a forward facing position. To release, pull the swivel control to the right and turn the seat inward. Swivel the seat to the desired position. Once completed, adjust the recline and slide controls as desired.

# A.1.d. Adjustable Lumbar Support

To increase the lumbar support, turn the lumbar support control (located on the seat back at the base of the right armrest) clockwise. To reduce the support, turn the control counter-clockwise.

# A.1.e. Seat Belt Usage

The driver and passenger captain's seats and the seat(s) immediately behind (either captain's seat(s) or lounge seat(s)) are designed to carry passengers while the unit is in motion and are equipped with seat belts installed for their protection. All passengers must be seated in these seats only with seat belts fastened while unit is in motion. All other seats are not to be occupied while unit is in motion.

The lap belts must be worn across the hips and not across the abdomen. Passengers must sit well back in the seat and in an upright position.

# A.2. CLOVERLEAF DINING TABLE (optional)

To use the "leaves", pivot the table into the desired position. In a seated position, with one hand under the table, push the support device out toward you. Let the "leaf" fall and push the support device back in to allow the "leaf" to be swung up parallel to the table surface. Finally, pull the support device back toward yourself (to support the extended leaf).

To return the "leaf" to its original position, follow these steps in reverse order.

# A.3. EXTERIOR UTILITY DOOR

Most utilities are located behind the exterior utility door located on the lower roadside of your unit. Items behind this door from front to rear include: LP gas fill, tank valve, gauge and regulator; power cord and city water hose storage compartment; power cord; city water connection; and exterior TV cable connection.

#### A.4. UNDER FLOOR STORAGE COMPARTMENT

The under floor storage compartment is located beneath the floor at the rear side cargo door. Access is achieved by opening both cargo doors and then opening the compartment door. An electrical receptacle, located within this compartment, can be used for exterior service by partially closing the rear side cargo door on the exterior item's electrical cord.

#### A.5. REAR STORAGE TRUNK

The rear storage trunk (not available with 190 models on Chevrolet chassis) is located beneath the floor at the very rear of the unit. Access to this area is achieved by opening the rear door and then opening the trifold cover in the floor directly in front of the rear bumper.

The rear table leg can be positioned with the base at the front of the storage trunk (for easier access) or at the rear (for additional leg room at the dinette). To change the position of the leg, disengage the barrel bolt located on the underside of the table. Open the trifold cover and remove the leg. Reposition the leg as desired, engage the barrel bolt and close the trifold cover.

Caution should be taken so as to not damage the trunk when driving on rough terrain or through uneven driveway entrances.

#### A.6. SPARE TIRE STORAGE AND REMOVAL

The spare tire is stored within the right rear dinette seat base (except with 190 models on Chevrolet chassis). Access to the spare tire is achieved by removing the right dinette seat cushion.

To remove the spare tire, remove the right dinette seat cushion. Second, disengage the two hooks on the inside of the spare tire storage portion of the dinette seat base. Third, lift the spare tire storage portion of the seat base until it is above the floor.

Fourth, pull the spare tire storage portion of the seat base towards the center and rear of the unit until the spare tire is fully exposed. Fifth, remove the spare tire.

To store the spare tire, perform these steps in reverse order.

# **B.0. SLEEPING FACILITIES**

# B.1. REAR DOUBLE OR QUEEN-SIZE BED (190-Versatile, 190-Independent or 210-Independent)

To convert the dinette into a double or queen-size bed, remove the table and legs from their receptacles and place the table on the lateral supports located on the upper edge of the seat base boxes. Second, starting on the left side, move the seat cushion to the right side. Third, pull the left back rest cushion inward and down until it lies flat.

Fourth, push this cushion out against the interior wall of the unit. Fifth, move both seat cushions over to the left side and repeat the fourth step with the right back rest cushion. And finally, place the inner edges of the two seat cushions together and lay them flat.

To convert back to a dinette, perform these steps in reverse order.

# B.2. REAR TWIN BEDS (190-Popular model)

To convert the dinette into twin beds, remove the table and legs from their receptacles and place the table on the lateral supports located on the upper edge of the seat base boxes (to act as a night table) or store the table between the driver's seat and wardrobe. Second, place both back rest cushions vertically up against the seat base boxes (be careful not to block output from the furnace). Lastly, pull each seat cushion 3" (8 cm) from the wall to provide additional elbow room while sleeping.

# B.3. REAR KING-SIZE BED (190-Popular model)

To convert the dinette into a king-size bed, remove the privacy curtains from their velcro supports on the lower edges of the suspended cupboard and pantry. Second, remove the table and legs from their recep tacles and place the table on the lateral supports of the seat base boxes as far to the front as the supports allow. Third, place the loose support board (located inside the roadside seat base box) on these same lateral supports as far to the rear as the supports allow.

Fourth, slide the left seat cushion in toward the center of the unit. Fifth, place the left back rest cushion against the wall and as far to the rear as possible. Sixth, place the filler cushion against the wall and as far to the front as possible (below suspended cupboard or pantry).

Seventh, slide the left seat cushion out toward the wall of the unit against the edges of the back rest and filler cushions. Eighth, repeat the fourth to seventh steps on the right side. And finally, place the inner edges of two seat cushions together and lay them flat.

To convert back, perform these steps in reverse order.

# B.4. FRONT LOUNGE SEAT(S) (All models)

To convert a lounge seat into a single bed, swivel the front captain's seat (see A.1.c.) so that it is facing outward towards the door (be sure both arm rests are in an upright position). Second, swing the back rest cushion upward, remove it from its support hook and place it flat on the seat cushion. Third, flip the flip over step (located between the lowered floor area and the recessed entrance step) into a flat position (for the passenger side lounge seat only).

Fourth, lift up the seat cushion and pull forward until it is up against the swiveled captain's seat. Fifth, swing down the hinged support board (located on the galley or closet partition). Sixth, place the back rest cushion with the lower edge against the seat cushion and the round knobs (located on the back of the back rest) inside the seat base box and push flat.

To convert back to a lounge seat, perform these steps in reverse order. When placing the seat cushion back in place, be sure to slide it in all the way back towards the galley partition and then down securely in place.

The lounge seats are designed to carry passengers while the unit is in motion and are equipped with seat belts installed for their protection. All passengers must be seated in these seats and the front captain's seats only with seat belts fastened while unit is in motion. All other seats are not to be occupied while unit is in motion.

The lap belts must be worn across the hips and not across the abdomen. Passengers must sit well back in the seat and in an upright position.

# C.O. APPLIANCES

See appropriate component manufacturer's owner's manuals for operating instructions.

#### D.O. WASHROOM & PRIVACY AREA

# D.1. PRIVACY DOORS (190-Versatile, 190-Independent or 210-Independent models)

When privacy is required, open both privacy doors until they are parallel with the galley partitions. Next, release the plastic turn tabs that secure the inner doors and extend these doors until privacy is achieved. The doors can be secured in this position by the plastic turn tabs located on the galley partitions. Complete privacy can now be achieved by closing the curtain at the galley window. If desired, the privacy doors can be extended from the outside and secured using the plastic turn tabs located on the inner doors.

When the privacy doors are returned to a closed position, ensure they are secured to prevent the doors from opening while travelling.

# D.2. PRIVACY DOORS (190-Popular model)

When privacy is required, open the door on the suspended cupboard on the curb side of the unit. Second, open the door on the suspended pantry on the roadside of the unit. If desired, hang the curtains from the lower edges of these doors to maintain complete privacy. Third, depress the finger catch located on the lower right edge on the left privacy door and open the door slightly.

Fourth, release the finger catch that secures the front door. Lastly, simultaneously extend both portions of the door on an angle across the aisle to the gable between the stove and the wardrobe.

#### D.3. TOILET

See appropriate component manufacturer's owner's manuals for operating instructions.

# D.4. SHOWER/WARDROBE (Independent or 210-Independent models)

If your unit is equipped with a shower, the wardrobe can be used without any instructions.

To set up the shower, convert the dinette into a double or queen-size bed (see B.1.) or remove the table. Second, open both privacy doors (with the rear door extending out over the bed). Third, fold down the upper portion of the tub cover.

Fourth, using both hands, lift the tub cover simultaneously up and away from the tub and then down until it rests vertically against the end of the tub. Fifth, with the clothing rack and shelf contents in place and while supporting the weight of the clothing, disengage the barrel bolt located at the left of the clothing rack on the underside of the shelf and swing the entire rack and shelf out over the bed.

Sixth, release the shower curtain straps and extend the curtain around the shower stall along the curtain rod. Lastly, secure the shower curtain at either end using the velcro fasteners located at the top and bottom edge of the curtain.

To put away the shower, follow these steps. First, rinse and dry the shower curtain and stall thoroughly. (This function is most easily performed before leaving the shower stall after use.) Second, follow the above instructions for shower set up in reverse order.

#### **E.O. WATER SYSTEM**

Your unit is equipped with a water system for either completely self contained or dependent use. During self contained use, caution should be taken so as to minimize water consumption. For example, water consumption can be reduced while showering if you turn off the shower between wetting yourself down and rinsing yourself off.

To avoid damage due to road vibrations, be sure not to store heavy or sharp objects where they may come into contact with either the water lines or pump. Also, allow sufficient room around the pump for proper operation.

# E.1. FRESH WATER TANK(S)

The fresh water tank(s) can be filled through the gravity fill located in the passenger door step well on units equipped with a single fresh water tank and in the passenger door post on units equipped with either double or triple tanks. To fill the tank(s), open the passenger door and open the gravity fill cover. Insert the hose and fill the tank(s) using moderate pressure. (Excessive pressure will result in uncontrolled spillage out the gravity fill.) When the tank(s) is full, water will overflow through the gravity fill.

#### E.2. CITY WATER CONNECTION

To connect the water system to an outside source, ensure that the water pump is turned off. Second, connect the hose to the city water connection. Before opening the outside water source, be sure all interior water outlets are closed to prevent spillage.

Third, open the water source moderately to prevent excessive water force inside the unit. (To protect your system from excessive pressure from water supply systems encountered in some areas, a water pressure regulator should be used.) Note that this connection bypasses the water pump and fresh water tank(s). Therefore, the use of these items is not necessary when connected directly to an outside source.

To disconnect the city water connection, follow these steps. First, turn off the outside water source. Second, open the sink faucet to relieve the pressure in the system (failure to do so may result in an unexpected shower). Third, remove the hose from the city water connection and replace the cap.

# E.3. WASTE WATER STORAGE AND DUMPING SYSTEM

Your unit is equipped with a waste water storage and dumping system that will provide adequate and effective storage and dumping of waste water. Your unit should be as level as possible to allow optimal operation of the system.

# E.3.a. Waste Tank Preparation

Your unit is equipped with two waste water tanks; the grey water tank is for waste water from the sink and shower (if equipped) and the black water tank is for sewage from the toilet. Both tanks are equipped with separate dump valves so that each may be dumped independently. Before use of either waste tank, be sure to read instructions provided by the toilet manufacturer regarding waste water chemicals.

#### E.3.b. Waste Tank Dumping

Waste water tank contents must be dumped in authorized facilities only. To completely clear the waste water tanks of all solid material, tanks should be full to provide the necessary volume required for complete dumping. If you wish to dump a partially full tank, it is advisable to fill the remaining volume with water first. Also, to completely clear the tanks of all solid material, tanks should be dumped immediately after road travel while tank contents are still unsettled.

To dump the black water tank, ensure that the "T" shaped black water dump valve, located on the lower curb side of the unit, is closed (in position). Second, on the roadside of the unit, remove the small cap located on the front of the sewage hose assembly and swing the support arm so that the assembly can be pulled out. Third, remove the assembly cover.

Fourth, connect the dump fitting (stored behind the exterior utility door in the power cord and city water hose storage compartment) to the end of the assembly. Fifth, securely place the dump fitting and assembly in the local waste receptacle. Sixth, on the curb side of the unit, pull the black water dump valve to dump tank contents. Lastly, once the tank is empty, close the dump valve, remove the fitting, return the assembly to its support structure and ensure that all caps and supports are securely in place.

To dump the grey water tank, follow the same procedure. Be sure to dump the grey water tank last so as to help flush out any solid waste in the sewage hose from the black water tank. If desired, flush both waste tanks after dumping.

#### E.3.c. Waste Tank Flushing

To flush the waste water tanks, ensure that both tanks are empty (see above). Second, fill the black water tank using the toilet and the grey water tank using the sink. Third, dump both tanks using the procedure outlined in section E.3.b. Both waste water tanks can be flushed using a similar procedure, but rather than filling each tank using the potable water system, they can be filled by inserting a hose directly into the sink and toilet.

#### E.4. POTABLE WATER SYSTEM DRAINING

To completely drain the fresh water system of all water, ensure that the water pump is off and that the unit is level. Second, drain the fresh water tank(s) by removing the threaded cap on the low point drain located on the vehicle underside directly below the passenger door post. Third, remove the threaded cap on the city water low point drain (located behind the city water connection).

Fourth, open the sink faucet and turn on the water pump until water is no longer pumped. Fifth, turn off the water pump. Sixth, open all water outlets including the sink faucet, shower faucet (if equipped) and toilet flushing lever. The latter can be propped open or opened manually several times. This procedure allows gravity to draw any remaining water out through the tank and city water drains.

Lastly, disconnect and drain the P-traps of the sink and shower (if equipped). (Shower P-trap is located on the vehicle underside to the rear of the waste water tanks.) If this procedure is followed, it is unnec essary to blow out the water system. Once the system is drained, be sure to replace the tank and city water drain caps before driving.

#### E.5. POTABLE WATER SYSTEM SANITIZING

Your potable water system should be sanitized if it is new, has not been used for a period of time, or may have become contaminated.

To sanitize your system, prepare a chlorine solution using 4 L (1 gallon) of water and 60 ml (1/4 cup) of household bleach (5% sodium hypochlorite solution). Second, with tank empty (see E.3.b.), pour 4 L (1 gallon) of solution into the tank for each 60 L (15 gallon) of tank capacity. (As an alternative, several commercial solutions are available and should be used as directed on the package.) Third, complete filling of tank with fresh water (see E.4.c.).

Fourth, turn on the water pump and operate all faucets to release trapped air. Fifth, allow to stand for 3 hours then drain and flush with fresh potable water (see E.3.). Sixth, to remove excessive chlorine taste or odor which may remain, prepare a solution of 1 L (1 quart) vinegar to 20 L (5 gallons) water and pour into tank and llow solution to agitate in tank by vehicle motion (several days if possible). Lastly, drain tank and flush with fresh potable water (see E.3.).

#### E.6. POTABLE WATER SYSTEM WINTERIZING

To winterize your potable water system, drain the entire system (see E.4.). Second, add 1/2 gallon (2L) of approved non-toxic recreational vehicle anti-freeze to the fresh water tank(s) using the gravity fill (see E.1.). Third, turn on the water pump.

Fourth, open both faucets until anti-freeze is visible. Fifth, open the toilet valve until anti-freeze is visible. Lastly, turn off pump.

To prepare your potable water system for use, follow these steps. First, drain the anti-freeze from the system (see E.4.). Second, sanitize the system if desired (see E.5.). Third, fill the system with water (see E.1.).

#### E.7. WINTER USE

We recommend that you do not use the water system during freezing weather and ensure that it is properly drained (see E.3.b. and E.4.) or winterized (see E.6.) before the temperature falls below freezing.

If use of the water system is necessary under freezing conditions, use portable water containers and anti-freeze in the waste water tanks. Be sure to use an approved non-toxic recreational vehicle anti-freeze and follow the manufacturer's instructions carefully to ensure that damage to the system will not occur.

#### F.O. ELECTRICAL SYSTEM

Your unit's electrical system should not be subjected to changes and/or additions to circuitry, appliances, etc. without consulting your dealer for proper installation procedures.

#### F.1. 110/12V CONVERTER/CHARGER

See appropriate component manufacturer's owner's manuals for operating instructions.

#### F.2. CITY ELECTRICAL CONNECTION

Your unit is equipped with a heavy duty 30 amp. power cord so that you can connect your electrical system to an outside 110V (in Canada) or 120V (in U.S.) power source. The power cord and a 30 to 15 amp. adaptor are stored in the power cord and city water hose storage compartment located behind the exterior utility door.

When connecting your system to an outside source, ensure that a properly equipped (three pronged) and functioning receptacle is used. If any type of spark or shock is detected, disconnect from the source immediately and do not reconnect until the problem is corrected.

#### F.3. GENERATOR (optional)

In addition to the operating instructions contained in the generator manufacturer's owner's manual, be aware that the generator's spark plug can be removed without removing the generator from its compartment by using a 13/16" spark plug socket that can be turned with a wrench and an appropriately sized wrench rather than a ratchet.

#### F.4. MONITOR PANEL

A monitor panel is provided to monitor the fluid levels in the fresh, grey and black water tanks and charge level in the auxiliary battery. (Be aware that the panel does not always reflect actual fluid levels. For example, when the 1/3 level light is on, the tank may be anywhere from 1/3 to just under 2/3 full. Or when the panel reads empty, the tank may be anywhere from empty to just under 1/3 full.)

The panel also provides the switch from the water pump. It is located on the front closet gable above the right lounge seat or rear captain's seat.

#### F.5. AUXILIARY BATTERY AND ISOLATOR

The auxiliary battery is located below the rear roadside captain's seat or lounge seat (190-Versatile, 190-Independent and 210-Independent models) or under the galley (190-Popular model). Access to same can be achieved from within the unit through an access panel in the floor.

The auxiliary battery is not maintenance free which means the fluid levels must be checked and maintained periodically.

The auxiliary battery is deep cycle which means that it may be discharged completely and re-charged without damage (whereas the automotive battery is designed to be kept fully charged by the alternator and may undergo damage if fully discharged). However, a fully discharged battery should never remain in this dead state and should be re-charged immediately to prevent damage. When not in use, the auxiliary battery will slowly discharge own its own. Accordingly, it should be re-charged after not being used for more than 90 days.

The auxiliary battery is automatically charged through the isolator by the engine's alternator while the engine is running. This battery is also automatically charged by the converter/charger when the unit is connected to an outside electrical power source.

The isolator is located under the hood in the engine compartment on the fire wall. The isolator allows the alternator to charge both the automotive and auxiliary batteries when the engine is running. However, it will prevent the unit's 12V motor home equipment (interior lights, water pump, exhaust fans, furnace blower, etc.) from drawing on the automotive battery (through the auxiliary battery) while the engine is not running.

For a further explanation of the operation of the auxiliary battery and isolator, see the owner's manual for the converter/charger.

#### F.6. AUTOMOTIVE BATTERY

The electronic radio in your unit will exert a small draw on the automotive battery to maintain the time and preset stations. To prevent damage to the battery from being drained, the radio should be disconnected from the automotive battery when the vehicle will not be driven for a month or more.

For Dodge, the radio can be disconnected by a white "quick connect/disconnect" coupling located under the hood to the left of the battery. To disconnect, grasp the upper and lower portions of the coupling, depress the release on the upper portion, and pull the portions apart. Be sure to reconnect the coupling before use.

For Chevrolet, the radio can be disconnected by removing the 10 amp. radio fuse from the fuse block located at the left underside of the dash.

# F.7. INTERIOR CAB LIGHT

The interior 12V cab light located on the underside of the cabinet over the windshield has a multipurpose switching system. This switching system utilizes the switch on the light itself and the dash mounted headlight switch located to the left of the steering wheel. These switches can be set for three types of use:

#### F.7.a. Driving

By turning the headlight switch to the <u>center</u> position and turning the cab light switch <u>on</u>, the cab light will turn on when a door is open and turn off when all doors are closed. To turn on the cab light with doors closed, turn the headlight switch all the way to the <u>left</u>. This is similar to the normal operation of the interior lights in a car.

# F.7.b. Stationary Use (Doors Closed)

By turning the headlight switch all the way to the <u>left</u>, the cab light can be turned on and off using its own switch with the doors closed. This is similar to the normal operation of the other interior lights in the unit except that the cab light draws from the automotive battery and not the auxiliary battery or converter. Accordingly, excessive use may drain your automotive battery!

# F.7.c. Stationary Use (Doors Open)

For Dodge only, by turning the headlight switch all the way to the <u>right</u>, the cab light will remain off with the doors open. To achieve the same result, do not leave the headlight switch in the center position (as in F.6.a.) and turn off the cab light switch or you may drain your automotive battery.

# G.O. LP GAS AND SAFETY SYSTEM

Your unit is equipped with an LP gas system which, when properly handled and maintained, will provide trouble and worry free operation of your LP gas fueled appliances.

LP fuel is stored in a liquid form under extremely high pressure within a tank located below the floor accessible through the exterior utility door. As fuel is used, LP gas passes from the top of the tank through the regulator into the gas lines and eventually to the appliances.

Although the entire system has undergone extensive factory and dealer testing for leaks, the system's connections and fittings are subjected to road vibrations and should therefore be checked annually for possible leaks.

LP gas is extremely flammable, colorless, heavier than air and smells like garlic or rotten eggs.

IF YOU SMELL GAS, extinguish any open flames, pilot lights and smoking materials immediately. Do not touch any electrical switches. Shut off the gas supply at the tank valve. Open doors and windows to provide maximum ventilation. Leave the area until the odor clears. Have the system checked and the leak corrected before use.

**WARNING**: LP gas tanks shall not be placed or stored inside your unit. LP gas tanks are equipped with safety devices which relieve excessive pressure by discharging gas to the atmosphere.

**WARNING**: To reduce the danger of fire or explosion, do not store LP gas tanks, gasoline or other flammable liquids inside your unit.

#### G.1. APPLIANCES

**WARNING**: It is not safe to use cooking appliances for space heating purposes.

Cooking appliances need fresh air for their safe operation. Because the amount of oxygen supply is limited due to the size of your unit, before operation of cooking appliances, open the overhead vent or a window or turn on the exhaust fan. Proper ventilation when using the cooking appliance(s) will reduce the dangers of asphyxiation. It is especially important that cooking appliances not be used for comfort heating purposes as the danger of asphyxiation is greater when the appliance is used for long periods of time.

**WARNING**: Portable fuel burning equipment, including wood and charcoal grills and stoves, shall not be used inside your unit. Use of this equipment inside your unit may cause fire or asphyxiation.

See appropriate component manufacturer's owner's manuals for operating instructions.

#### G.2. REFUELING PROCEDURES

**WARNING**: Do not refuel LP gas tank to more than 80% of capacity.

A properly refueled LP gas tank will contain approximately 80% of its volume as liquid LP gas. Over fueling of the LP gas tank can result in uncontrolled gas flow which can cause fire or explosion.

WARNING: The tank valve must be closed and ALL PILOT LIGHTS AND APPLIANCES TURNED OFF (INCLUDING REFRIGERATOR) before refueling of LP gas tank or motor fuel tank. Only qualified personnel should refuel your LP gas tank.

#### G.3. REGULATOR

The LP gas regulator in your unit (located behind the exterior utility door) has been installed with the diaphragm vent facing downward and equipped with a protective cover. Ensure that the regulator vent always faces downward and that the cover is kept in place to minimize vent blockage which could result in excessive gas pressure causing fire or explosion.

#### G.4. LP GAS LEAK DETECTOR

Your unit has been equipped with a LP gas leak detection device for your protection. See manufacturer's owner's manual for operating instructions.

#### G.5. SMOKE DETECTOR

Your unit has been equipped with a smoke detection device for your protection. This device should be tested after each time the unit has been in storage, before each use, and at least once each week during the unit's use. (Upon delivery of your unit from the factory, the detector is inoperative because the battery is reversed to prevent drainage. To operate the detector, reverse the battery to the proper position).

#### H.O. MAINTENANCE

#### H.1. FIBERGLASS MAINTENANCE

To maintain the original appearance and finish, the unit's fiberglass roof and running boards (if equipped) must be waxed at least annually. If deterioration, such as tarnishing or chalking, should occur, apply a rubbing compound to restore the original appearance.

#### H.2. OTHER MAINTENANCE

For necessary maintenance of other components and appliance, see appropriate manufacturer's owner's manuals for instructions.

#### I.O. WINTER STORAGE

#### I.1. INSIDE YOUR UNIT

Before winter storage, be sure to clean your unit thoroughly. Special emphasis should be given to the appliances, such as the refrigerator. Once cleaned, leave the refrigerator door open to prevent the devel opment of odors (insert a box of baking soda if desired).

Open a window slightly allowing sufficient air circulation to avoid the development of odors, condensation and mildew.

To prevent sun rays from deteriorating and fading interior fabrics, cover all upholstered seats and cushions. As a further precaution, close all drapes tightly.

#### 1.2. OUTSIDE YOUR UNIT

Ensure that all waste water tanks have been dumped and flushed (see E.3.b.) and that the entire potable water system has been properly drained (see E.4.) or winterized (see E.6.).

Be sure to cover the external vents to the refrigerator, exhaust fan, furnace and air conditioner (if equipped) with heavy plastic sheeting to prevent entry by rodents and insects.

To improve tire life and maintain performance, put your unit up on blocks. Also, cover all tires exposed to sun light to prevent deterioration from ultra-violet rays.

Consult your automotive owner's manual or local automotive dealer regarding steps necessary to prevent engine and chassis damage during long periods of storage in your particular region.

#### I.3. SPRING START UP

After storage, re-activate your unit for use by reversing all the procedures that you performed to prepare it for winter storage.

#### J.O. WARRANTY

#### J.1. DEFINITIONS

Home & Park Home & Park Motorhomes (A Division of HANMAR MOTOR CORPORATION)

Dealer or any wholesale buyer of recreational vehicles, authorized by Home & Park.

Unit Any recreational vehicle manufactured by Home & Park Motorhomes.

Purchaser Registered owner of the Unit and/or purchaser of the Unit.

All units are covered by a three part limited warranty:

#### J.2. AUTOMOTIVE WARRANTY -

The current warranty offered by the Chrysler Motors or General Motors Corporation (in U.S.) or Chrysler Canada Ltd. or General Motors of Canada Ltd. (in Canada) covering the manufacture of the Dodge or Chevrolet chassis. All automotive service, maintenance and repairs are to be performed by any Chrysler/Dodge/Plymouth or Chevrolet/GMC dealer. Items such as the above are not warranted by **Home & Park**.

Home & Park (for Dodge and Chevrolet in U.S. and for Chevrolet in Canada) or Dealer (for Dodge in Canada) will restart this portion of the warranty under the first Purchaser's name from the date of retail delivery using the information supplied on the Home & Park Warranty Registration Card. Accordingly, it is important that this card is completed and mailed promptly after the date of retail delivery.

#### J.3. APPLIANCE WARRANTY -

Examples such as the following are not warranted by Home & Park, but are covered by individual warranties offered by their respective manufacturers to which terms both Purchaser and Dealer must comply: air conditioner, auxiliary battery, electrical converter, furnace, generator, microwave oven, monitor panel, range hood, refrigerator, stove, toilet, water pump, and water heater. Home & Park makes no warranty whatsoever, regarding these items and/or such like components manufactured by others. Purchaser and/or Dealer are required to deal directly with the nearest service center for such manufactured components and abide by the warranty policy as allowed by such component manufacturers. The name, location and phone number of some such component manufacturer's are as follows:

Component	Manufacturer	Location Location	Phone Number
	Fedders Inc.	Effingham, IL	217-342-3901
air conditioner (in U.S.)		Mississauga, ON	416-542-7022
air conditioner (in Can.)	Carefree of Colorado	Elkhart, IN	219-262-3617
awning		Orlando, FL	407-294-5402
awning	Fiamma Interstate Batteries	Dallas, TX	1-800-843-0200
battery - auxiliary (U.S.)		Kitchener, ON	519-743-2087
battery - auxiliary (Cda.)	Battery Wholesale	Kokoma, IN	317-452-5444
converter - electrical	Magnatek	Hialeah, FL	305-685-9651
fabric - seats	Joan Fabrics c/o CMI	•	1-800-654-9677
fire extinguisher (in U.S.	Wandard & Co	Mebane, NC Mississauga, ON	416-736-6546
fire extinguisher (in Cda.)	Subamban Mfs	Elkhart, IN	219-294-5681
furnace (in U.S.)	Suburban Mfg.	Oakville, ON	416-845-7558
furnace (in Canada)	Suburban c/o GL Products		1-800-888-6626
generator (in U.S.)	Onan Corporation	Minneapolis, MN Oakville, ON	416-842-7990
generator (in Canada)	Onan Corporation	· · · · · · · · · · · · · · · · · · ·	1-800-443-3929
isolator (in U.S.)	Hehr Int'l (Powerline Div.)		416-852-5417
isolator (in Canada)	Arbrux Ltd.	Toronto, ON	416-745-6044
LP gas detector	Dicon Systems	Weston, ON	1-800-877-9923
LP gas tank (in U.S.)	Manchester Tank	Linwood, CA	519-842-9081
LP gas tank (in Canada)	Manchester Tank	Tilsonburg, ON	1-800-447-4700
microwave (in U.S.)	Panasonic	Secaucus, NJ	416-239-7323 or 239-8104
microwave (in Can.)	Nationwide Mfg. Ltd.	,	219-294-1504
monitor panel	KIB Enterprises	Elkhart, IN	219-294-1304
range hood (in U.S.)	Ventline c/o Phillips Ind.	Bristol, IN	416-845-7558
range hood (in Cda.)	Greg Lund Products	Oakville, ON	
refrigerator (in U.S.)	Dometic Corporporation		-544-4881 or 219-463-2191
refrigerator (in Can.)	Dometic Distribution	Cambridge, ON	519-653-4390
roof vent	Jensen Industries	Los Angeles, CA	213-235-6800
roof vent - power	FanTastic Vent	Burton, MI	313-742-0330
running boards	Creative FRP	Kitchener, ON	519-748-6013
screens (for van doors)	Bug Barrier	Cleveland, OH	1-800-548-0214
seat belts	Am Safe	Phoenix, AZ	602-233-2802
smoke detector (in U.S.)	Ten Tek Electronics	Willowbrook, ON	708-850-7255
smoke detector (in Cda.)	Dicon Systems	Weston, ON	416-745-6044
stove	Atwood Center	Elkhart, IN	219-262-2655
tires (in U.S.)	Michelin	Louisville, KY	502-459-5400
tires (in Canada)	Michelin	Brampton, ON	416-674-5470
toilet (in U.S.)	Thetford Corporation	Ann Arbor, MI	1-800-521-3032
toilet (in Canada)	Thetford Sanitation	Mississauga, ON	416-671-0255
TV antenna	O.W. Donald Co.	Fort Smith, AR 1-800	0-782-2427 or 501-782-4013
water pump (in U.S.)	Shurflo	Santa Ana, CA	1-800-854-3218
water pump (in Can.)	Shurflo (B&B Supplies)	London, ON	519-652-6160
water heater (in U.S.)	Suburban Mfg.	Elkhart, IN	219-294-5681
water heater (in Can.)	Suburban c/o GL Products	Oakville, ON	416-845-7558
wheels - aluminum	Acra Inc.	South Bend, IN	219-233-3114
wheels - aluminum	Tredit Tire & Wheel	Elkhart, IN	219-293-0581

#### J.4. HOME & PARK MOTORHOME WARRANTY -

Home & Park warrants to the any Purchaser that the Unit is free from defects in material and workmanship on the portion manufactured by Home & Park, under normal use and service, for two (2) years, or 24,000 miles (in U.S.) or 40,000 Km (in Canada) whichever occurs first, from date of purchase by the first Purchaser.

This warranty shall be fulfilled at a Home & Park Dealer, any other RV dealer, any other RV service facility, or at the Home & Park factory by appointment only. Home & Park will, at its option, replace or repair, free of charge (including related labour) any defective part, about which the Purchaser shall notify Home & Park or the Dealer within the warranty period. This obligation of Home & Park under this warranty, is expressly limited to such replacement or repair. The provisions of this warranty shall not apply to accident, nor to unauthorized repairs or alterations, nor to normal maintenance, nor to normal deterioration due to wear and exposure.

This warranty is expressly in lieu of any other expressed or implied warranty, including any implied warranty of merchantability or fitness for a particular purpose and of any other obligations or liabilities on **Home & Park** which neither assumes nor authorizes any other person to assume for it any other liability in connection with **Unit** manufactured by it.

Home & Park Motorhome Warranty is void unless the following conditions are adhered to:

- J.4.a. Warranty Registration Card on each **Unit** must be completed by the first **Purchaser** and mailed to **Home & Park** within 30 days from date of retail delivery. When warranty applications are made and Registration Card is not on file at **Home & Park**, reimbursement of claim will be delayed until proof of original purchase is submitted to **Home & Park**.
- J.4.b. All warranty claims submitted must include **Unit**'s vehicle identification number (V.I.N.), odometer reading, and **Home & Park** Warranty Start Date (date of retail delivery).
- J.4.c. Warranty work that will exceed \$100.00 must first be authorized by **Home & Park** before proceeding with such work.
- J.4.d. There shall be no allowance for emergency road repair, towing, labour, meals, accommodations, etc. Such will not be accepted if claimed on warranty.
- J.4.e. Components for which no service centre exists may be returned to **Home & Park** or to another service location authorized by **Home & Park** for repair or replacement. Shipments arriving at our factory without prior explanation will be returned to sender.
- J.4.f. Only parts and accessories and other material, available through **Home & Park** are to be used in the performance of warranty service.
- J.4.g. If requested by **Home & Park**, defective parts replaced under warranty must be returned to **Home & Park** before reimbursement will be made.

# K.O. REPORTING SAFETY DEFECTS (U.S. ONLY)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying **Home & Park**.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or **Home & Park**.

To contact NHTSA, you may call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in Washington, DC area) or write to:

NHTSA
U.S. Department of Transportation
Washington, DC
20590

You can also obtain other information about motor vehicle safety from the Hotline.

#### L.O. ADDRESS, PHONE AND FACSIMILE NUMBERS

Address all inquiries to:

Home & Park Motorhomes

75 Ardelt Place

Kitchener, Ontario, Canada

N2C 2C8

Telephone: (519)745-1169 Telefacsimile: (519)745-1160

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